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Please type a plus sign (+) Inside this box

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))</small>		Attorney Docket No. <b>104141-0004</b>
		First Inventor or Application Identifier <b>Edward Klein et al.</b>
		Title <b>SYSTEM FOR NON-DISRUPTIVE INSERTION AND REMOVAL OF NODES IN AN ATM SONET RING</b>
		Express Mail Label No. <b>EL056800815US</b>

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility application contents</small>	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231
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1.  \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages **14**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) [Total Sheets **3**]
4. Oath or Declaration [Total Pages **3**]
  - a.  Newly executed (original copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
(Note Box 5 below)

**DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6.  Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (Identical to computer copy)
  - c.  Statement verifying identity of above copies

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<b>ACCOMPANYING APPLICATION PARTS</b>	
8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
9. <input checked="" type="checkbox"/> 37 C.F.R. §3.73(b) Statement (when there is <input checked="" type="checkbox"/> an assignee)	<input checked="" type="checkbox"/> Power of Attorney
10. <input type="checkbox"/> English Translation Document (if applicable)	
11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
12. <input type="checkbox"/> Preliminary Amendment	
13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	
14. <input type="checkbox"/> *Small Entity Statement(s)	<input type="checkbox"/> Statement filed in prior application, (PTO/SB/09-12) <input type="checkbox"/> Status still proper and desired
15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small>	
16. <input type="checkbox"/> Other:	

**NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

 Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: /

Prior application Information: Examiner

Group/Art Unit:

**18. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input checked="" type="checkbox"/> Correspondence address below
Name	<b>Patricia A. Sheehan</b>			
Address	<b>Cesari and McKenna 30 Rowes Wharf</b>			
City	Boston	State	MA	Zip Code
Country	U. S. A.	Telephone	(617) 951-2500	Fax

Name (Print/Type)	<b>Patricia A. Sheehan</b>	Registration No. (Attorney/Agent)	<b>32,301</b>
Signature	<i>Patricia A. Sheehan</i>		
Date	<b>February 10, 2000</b>		

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT**      **(\\$)**      **730**

Complete If Known	
Application Number	not yet assigned
Filing Date	February 10, 2000
First Named Inventor	Edward Klein et al.
Examiner Name	not yet assigned
Group / Art Unit	not yet assigned
Attorney Docket No.	104141-0004

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237

Deposit Account Name Cesari and McKenna, LLP

Charge Any Additional Fee  Charge the Issue Fee Set in  
Required Under 37 C.F.R. §§ 1.18 at the Mailing of  
the Notice of Allowance  
37 C.F.R. §§ 1.16 and 1.17

2.  Payment Enclosed:

Check  Money  Other  
Order

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	690
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	345	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>				<b>690</b>	

### 2. EXTRA CLAIM FEES

Total Claims	20**	Extra Claims	Fee from Claims below	Fee Paid
19	20**	0	x 18 =	0
Independent Claims 3	3**	0	x 78 =	0
Multiple Dependent				0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>				<b>0</b>

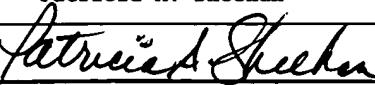
### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65 Fee Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English Specification
147	2,520	147	2,520 For filing a request for reexamination
112	920	112	920* Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840*Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	380	216	190 Extension for reply within second month
117	870	217	435 Extension for reply within third month
118	1,360	218	680 Extension for reply within fourth month
128	1,850	128	925 Extension for reply within fifth month
119	300	219	150 Notice of Appeal
120	300	220	150 Filing a brief in support of an appeal
121	260	221	130 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,210	241	605 Petition to revive - unintentional
142	1,210	242	605 Utility Issue fee (or reissue)
143	430	243	215 Design Issue fee
144	580	244	290 Plant Issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	690	246	345 Filing a submission after final rejection (37 CFR 1.129(a))
149	690	249	345 For each additional invention to be examined (37 CFR 1.129(b))
<b>Other (specify)</b>			
<b>Other fee (specify)</b>			
<b>SUBTOTAL (3) (\$)</b>			
			40

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Patricia A. Sheehan	Reg. Number	32,301
Signature		Date	February 10, 2000
		Deposit Account User ID	

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
Edward Klein et al. )  
Serial No.: not yet assigned ) Examiner: not yet assigned  
Filed: February 10, 2000 ) Art Unit: not yet assigned  
For: SYSTEM FOR NON-DISRUPTIVE )  
INSERTION AND REMOVAL OF )  
NODES IN AN ATM SONET RING )  
 )  
Cesari and McKenna, LLP  
30 Rowes Wharf  
Boston, MA 02110  
February 10, 2000

**EXPRESS-MAIL DEPOSIT**

"Express Mail" Mailing-Label Number: EL056800815US

The following paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

1. Patent Application ( 14 pages including 19 claims )
2. Informal Drawings (2 sheets)
3. Declaration and Power of Attorney
4. Assignment with Recordation Form Cover Sheet
5. Utility Patent Application Transmittal Letter
6. Fee Transmittal
7. Check in the amount of \$690.00
8. Check in the amount of \$40.00